

Message

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**From:** Trumble, Luke (EGLE) [TrumbleL@michigan.gov]  
**Sent:** 4/29/2019 6:13:06 PM  
**To:** Pelloso, Elizabeth [Pelloso.Elizabeth@epa.gov]  
**Subject:** FW: Invitation: Grand River Restoration Project @ Wed Jul 11, 2018 9am - 4pm (EDT) (kotkec@michigan.gov)  
**Attachments:** Whitewater\_6thst\_Dam\_to\_Gillett.pdf

FYI.

**Lucas A. Trumble, P.E.**  
Hydrologic Studies and Dam Safety Unit  
Water Resources Division, EGLE  
517-420-8923  
[trumblle@michigan.gov](mailto:trumblle@michigan.gov)

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**From:** Kotke, Chad (DEQ) <KOTKEC@michigan.gov>  
**Sent:** Thursday, July 5, 2018 9:03 AM  
**To:** richard@grandrapidswhitewater.org  
**Cc:** scott\_hicks@fws.gov; Newcomb, Tammy (DNR) <NEWCOMBT@michigan.gov>; mvanputten@wegefoundation.org; kpfauth@grand-rapids.mi.us; kim.wieber@mi.usda.gov; betsy.dierberger@mi.usda.gov; mstaal@grand-rapids.mi.us; matt@grandrapidswhitewater.org; Matousek, Bethany (DEQ) <MatousekB@michigan.gov>; Ertel, Patrick (DNR) <ErtelP@michigan.gov>; Hanshue, Scott (DNR) <HanshueS1@michigan.gov>; Wesley, Jay (DNR) <WesleyJ@michigan.gov>; jessica\_pruden@fws.gov; Trumble, Luke (DEQ) <TrumbleL@michigan.gov>; jsteffen@grand-rapids.mi.us; Whitscell, Amanda (DEQ) <WhitscellA@michigan.gov>; Wendy Ogilvie <wendy.ogilvie@gvmc.org>; jesmalligan@ftch.com; Saldivia, Luis (DEQ) <SALDIVIAL@michigan.gov>; steve.koster@erm.com; Dale Burkett <dburkett@glfc.org>; Chris Freiburger <cfreiburger@glfc.org>; Fish, Kim (DEQ) <FISHK@michigan.gov>; Occhipinti, Matthew (DEQ) <OCCHIPINTIM@michigan.gov>  
**Subject:** RE: Invitation: Grand River Restoration Project @ Wed Jul 11, 2018 9am - 4pm (EDT) (kotkec@michigan.gov)

Hey Richard,

I have been working on the Houghton County State of Emergency due to the flood damage up there. I am being redeployed tomorrow morning and will not be back until July 16<sup>th</sup>, missing the meeting on the 11<sup>th</sup>.

I have comments from the handouts from the previous meeting. Following the comment in the last meeting that "flooding will occur but only on city property" regardless of years of stating "no rise in flood levels will occur as a result of this project" I was comparing the existing depths of your fish passage models to proposed. I compared the existing depths to the addition of the designed height of structures to modelled water depths. In doing so I noticed that there is a significant rise in water level elevation for all structures at 13,000 cfs, see attached. The process I used the 13,000 cfs depth and added on a conservative range of heights for the structures. I used the conservative range of depths for the existing conditions as well. If there was no rise in depth from existing I assumed there wouldn't be a concern in flooding. But the exercise showed a rise in 13,000 cfs stage by as much as 1 to 8 feet across the entire channel at 13,000 cfs from existing conditions through the entire project reach. The graphic attached only goes to Gillet Bridge.

This was using the information that was provided at the last meeting along with proposed designs. I understand that newly developed flood models will be discussed with the DEQ at a later time. I wanted to raise this concern to the entire group now so this discussion may be able to take place at the next meeting. Design changes due to flooding are significant, as a result new fish passage conversations will be needed due to the significant changes to the proposed design to address the flooding potential of the structures being constructed. From a financial perspective, I would recommend addressing the flooding concerns first, then modify the new structures for fish passage once flooding concerns are addressed. The numbers on the graphic I've attached continues to raise concerns for flood events to occur

within the area of the structures if the designs are not significantly changed. I continue to be available to discuss changes if you need further assistance.

I will be checking my emails but I do not have a state issued phone to discuss verbally.  
Let me know if you have any questions,  
Chad

-----Original Appointment-----

**From:** [richard@grandrapidswhitewater.org](mailto:richard@grandrapidswhitewater.org) <[richard@grandrapidswhitewater.org](mailto:richard@grandrapidswhitewater.org)>

**Sent:** Thursday, June 28, 2018 9:40 AM

**To:** [richard@grandrapidswhitewater.org](mailto:richard@grandrapidswhitewater.org); [scott\\_hicks@fws.gov](mailto:scott_hicks@fws.gov); Newcomb, Tammy (DNR); [mvanputten@wegefoundation.org](mailto:mvanputten@wegefoundation.org); [kpfauth@grand-rapids.mi.us](mailto:kpfauth@grand-rapids.mi.us); [kim.wieber@mi.usda.gov](mailto:kim.wieber@mi.usda.gov); [betsy.dierberger@mi.usda.gov](mailto:betsy.dierberger@mi.usda.gov); [mstaal@grand-rapids.mi.us](mailto:mstaal@grand-rapids.mi.us); [matt@grandrapidswhitewater.org](mailto:matt@grandrapidswhitewater.org); Matousek, Bethany (DEQ); Ertel, Patrick (DNR); Hanshue, Scott (DNR); Wesley, Jay (DNR); [jessica\\_pruden@fws.gov](mailto:jessica_pruden@fws.gov); Trumble, Luke (DEQ); [jsteffen@grand-rapids.mi.us](mailto:jsteffen@grand-rapids.mi.us); Whitscell, Amanda (DEQ); Wendy Ogilvie; [jesmalligan@ftch.com](mailto:jesmalligan@ftch.com); Saldivia, Luis (DEQ); Kotke, Chad (DEQ); [steve.koster@erm.com](mailto:steve.koster@erm.com)

**Subject:** Invitation: Grand River Restoration Project @ Wed Jul 11, 2018 9am - 4pm (EDT) ([kotkec@michigan.gov](mailto:kotkec@michigan.gov))

**When:** Wednesday, July 11, 2018 9:00 AM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** 161 Ottawa Ave NW, Grand Rapids, MI 49503, USA

[more details »](#)

**Grand River Restoration Project**

When Wed Jul 11, 2018 9am – 4pm Eastern Time

Where 161 Ottawa Ave NW, Grand Rapids, MI 49503, USA ([map](#))

Calendar [kotkec@michigan.gov](mailto:kotkec@michigan.gov)

Who

- [richard@grandrapidswhitewater.org](mailto:richard@grandrapidswhitewater.org) - organizer
- [scott\\_hicks@fws.gov](mailto:scott_hicks@fws.gov)
- [newcombt@michigan.gov](mailto:newcombt@michigan.gov)
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- [kotkec@michigan.gov](mailto:kotkec@michigan.gov)
- [steve.koster@erm.com](mailto:steve.koster@erm.com)

Grand River Restoration Project Meeting For RCPP Reach

July 11, 2018

Call in #:

1-224-501-3312

444-751-533

Location: 161 Ottawa Ave. NW (entrance to Homewood Suites)

Start time: 9:00 am

Agenda:

Fish Passage 9 to 11:30

Lunch

Section 7 12:30 to 4

- Informal Consultation
- Biological Assessment
- Environmental Assessment

Going? **Yes - Maybe - No** [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account [kotkec@michigan.gov](mailto:kotkec@michigan.gov) because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://www.google.com/calendar/> and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)